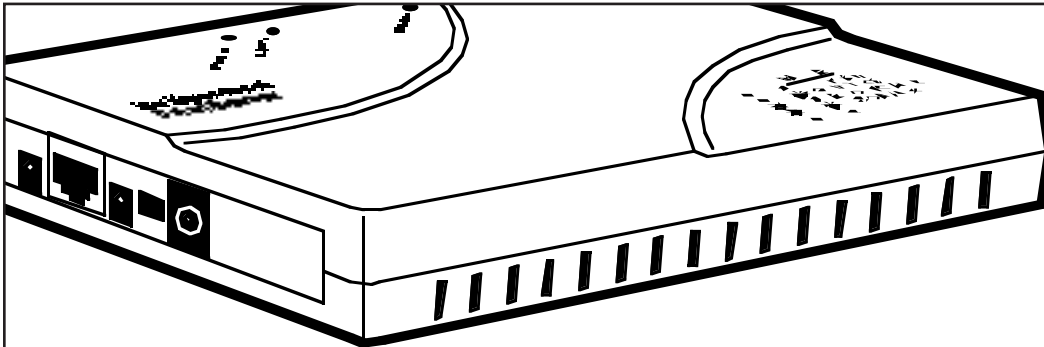# BLACK BOX®
NETWORK SERVICES

MULTIPROTOCOL PRINT SERVERS

Connect one or three printers to your AS/400 and 10-/100-Mbps Ethernet LAN via a single network interface.

Key Features

▶ *Converts EBCDIC print jobs to ASCII.*

▶ *Single- and three-port models available.*

▶ *Both models use a single network interface.*

▶ *3-Port model runs up to three independent printer emulations at the same time, and each of the attached printers can be used for AS/400 printing.*

▶ *Outputs 3212-1, 4214, 5224, 5225, or 5226 SCS data streams.*

The Multiprotocol Print Server provides reliable AS/400 to LAN printing. The Print Server converts native AS/400 print jobs from EBCDIC to ASCII, freeing the host or client PCs from the often heavy overload associated with printing.

Single- and three-port models are available. Both models work via a single network interface: choose either 10BASE2 BNC or 10/100BASE-T RJ-45.

The Print Server acts as a node in the local area network with its own unique network address. It receives data from across the network in packets and converts the packets to a format that serial or parallel printers can recognize.

When printing from ASCII hosts (PC, UNIX), the Print Server supports the following protocols:

• TCP/IP—Used by UNIX®, NetWare®, Windows NT®, and OS/2®.

• IPX™/SPX—Used by NetWare.

• NetBIOS—Used by Windows® 3.x, Windows for Workgroups, Windows NT, and OS/2.

The Print Server can support printing from several different types of hosts at the same time. This expands the capability of a printer attached to a Print Server, yet still provides the benefits of a dedicated host-printer relationship:

• In LAN printing, you may have UNIX systems, Windows, and PCs running OS/2, all using various combinations of NetWare and TCP/IP. All systems can send their printed data to a single Print Server.

• The Print Server can support up to 10 different AS/400 hosts for each printer (when using TS5250e), greatly expanding the number of hosts that can use the printers attached to a Print Server.

The complete package includes:

• Multiprotocol 1-Port or 3-Port Print Server

• Users' manual

• PrintControl™ installation diskette

• TCP/IP DirectPort™ installation diskette

• Power supply

Specifications

LAN (ASCII) Hosts Supported — Novell® (NDS, Bindery, PSERVER, RPRINTER), Windows® 95/98, Windows NT®, Windows for Workgroups, OS/2®, OS/2 Warp, UNIX®

Memory — Flash ROM

Printer Drivers Supported — For EBCDIC/ASCII Conversion: HP® PCL®, IBM® Proprinter®, PPDS, Epson® ESC/P2, FX, LQ, Generic

Printer Emulation — IBM 3212-1 (SCS), 4214, 5224/25/26

Protocols — AS/400 printing: TCP/IP (TN5250e), TCP/IP (LPR/LPD), SNA, AnyNet; LAN (ASCII) printing: TCP/IP (LPR/LPD), IPX®/SPX, NetBIOS, Windows Peer-to-Peer

Connectors — Network: (1) 10BASE2 BNC; (1) 10/100BASE-T RJ-45; Printer: PC420A: (1) IEEE 1284 bidirectional Centronics® parallel, (1) RS-232 serial DB9, DTE

Indicators — LEDs: All: Power, LPT1, COM1, Mode, Network Data, Link, Activity; PC425A: Also has LPT2

Power — 115 to 230 VAC, 60/50 Hz, external

Size — 3.3 x 18.8 x 13.5 cm

Weight — 0.7 kg

▼ *Ordering Information*

ITEM	CODE
Multiprotocol Print Servers	
1-Port	PC420A
3-Port	PC425A
Remember to order cable…	
Category 5 Patch Cable, 100-MHz, 4-Pair, Straight-Pinned, PVC, Beige	EVMSL05
Parallel Printer Cable, Centronics® Male/DB25 Male	EYN600
Serial Printer Cable, DB25 Male/DB9 Female	EVMBPC